Proximity card reader

KDH-CK330U/H/M-B-III



KaDe 330 series readers present well known and accepted on the market design line, which integrates excellent in every interior – traditional and more modern one.

In addition to indoor usage KaDe 330 series readers can be used also outdoor. Durable ABS plastic housing and IP66 providing construction allow this feature.

Readers are equipped with the most common Wiegand output interface. Connecting D0 and D1 wires responsible for data transmission to controller's Wiegand input allows card numbers reading. This type of interface allows to use KaDe 330 series readers in majority of physical access control systems. 330 series readers are multiformat readers. They work at 123 kHz and 13,56 MHz frequency, that allows card numbers reading in Unique (26 or 44 bits output), HID® Prox and MIFARE® (26,32,34,56,58 bits output) formats. This makes the system more flexible and allows more than one card standard usage in the same facility with physical access control. The device supports reading the UID of MIFARE DESFire EV1, EV2, and EV3 card standards.

Built-in signalers – buzzer and green-red LED, besides internal control by reader's circuits during card reading have led out control lines, which can be connected to proper access controller's outputs. This allows to generate sound and optical signals according to event type configured in access control system.

Additionally KDH-CK330U/H/M reader has built-in keypad. It has switched output format what allows usage in various access control systems (4 bit e.g. KaDe, 8 bit e.g. Kantech). Keypad allows other authorization methods than RFID identifier reading – PIN codes or combination of RFID identifier reading and PIN code usage.

Reader type	proximity
Card standard	unique, mifare, mifare plus, mifare desfire, HID prox, mifare desfire EV1, mifare desfire EV2, mifare desfire EV3
Card Reading	UID
Operating frequency	125 kHz, 13,56 MHz
Read range	up to 10 cm
Supply voltage	12 V DC
Current load	35 mA
Keypad	yes
Tamper sensor	none
Output interface	Wiegand
Output bits	26, 32, 34, 56, 58
Hardware connection	pigtail
Color	black
Dimensions	122 mm x 50 mm x 21 mm
Indoor /outdoor	for indoor and outdoor use
Temperature range	-40°C to 60°C
Humidity (non-condensing)	10% - 95%